

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	257	((door closure) with ("opening cylinder" "opening actuator"))	US-PGPUB; USPAT	OR	ON	2006/01/23 09:15
L2	7	((door closure) with ("opening cylinder" "opening actuator")) same ((door closure) with ("closing cylinder" "closing actuator")))	US-PGPUB; USPAT	OR	ON	2006/01/23 09:18
L3	14	(door closure) same ("opening cylinder" "opening actuator") same ("closing cylinder" "closing actuator")	US-PGPUB; USPAT	OR	ON	2006/01/23 09:48
L4	7	3 not 2	US-PGPUB; USPAT	OR	ON	2006/01/23 09:19
L5	5	(door closure) same ("opening cylinder" "opening actuator") same ("closing cylinder" "closing actuator")	EPO; JPO; DERWENT	OR	ON	2006/01/23 11:01
L6	1	(118/715-733.ccls. 118/50.cds. 156/345.\$.cds.) and ((door closure) with (cylinder actuator) with open\$3 with clos\$3)	EPO; JPO; DERWENT	OR	ON	2006/01/23 11:02
L7	71	(118/715-733.ccls. 118/50.cds. 156/345.\$.cds.) and ((door closure) with (cylinder actuator) with open\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2006/01/23 11:47
L8	74	("134"/\$.cds.) and ((door closure) with (cylinder actuator) with open\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2006/01/23 11:47
L9	16	("134"/\$.cds.) and ((door closure) with ((cylinder actuator) with open\$3 with clos\$3) same pressur\$6)	US-PGPUB; USPAT	OR	ON	2006/01/23 11:48
S1	1556	(workpiece substrate wafer semiconductor) same ((vessel chamber) with (pressur\$4) with (closure gate door))	US-PGPUB; USPAT	OR	ON	2004/10/13 13:02
S2	190	(workpiece substrate wafer semiconductor) same ((vessel chamber) with (pressur\$4) with (closure gate door) with seal\$3)	US-PGPUB; USPAT	OR	ON	2004/10/13 13:15
S3	12	(workpiece substrate wafer semiconductor) same ((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3)	US-PGPUB; USPAT	OR	ON	2004/10/13 13:41
S4	5	("0643949"   "3681008"   "4228135"   "4256701"   "4426358").PN.	USPAT	OR	ON	2004/10/13 13:20
S5	0	"6048494".URPN.	USPAT	OR	ON	2004/10/13 13:22
S6	1	(workpiece substrate wafer semiconductor) same ((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3)	EPO; JPO; DERWENT	OR	ON	2004/10/13 13:27
S7	351	((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3)	US-PGPUB; USPAT	OR	ON	2004/10/14 17:55
S8	36	((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3) same actuat\$4	US-PGPUB; USPAT	OR	ON	2004/10/13 14:01
S9	3	((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3) same actuat\$4	EPO; JPO; DERWENT	OR	ON	2004/10/13 14:02
S10	10	"3623627".URPN.	USPAT	OR	ON	2004/10/13 14:43
S11	0	"6048494".URPN.	USPAT	OR	ON	2004/10/13 15:52
S12	5	("0643949"   "3681008"   "4228135"   "4256701"   "4426358").PN.	USPAT	OR	ON	2004/10/13 15:53
S13	434	(118/733).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 11:21
S14	4	sheydayi-alexei.in.	US-PGPUB; USPAT	OR	ON	2005/03/13 15:04
S15	1	sheydayi-alexei.in.	EPO; JPO; DERWENT	OR	ON	2004/10/14 13:06
S16	13	(US-6623355-\$ or US-6347918-\$ or US-6048494-\$ or US-4426358-\$ or US-4228135-\$ or US-4999165-\$ or US-4818001-\$ or US-4650542-\$ or US-4434964-\$ or US-3623627-\$ or US-6206227-\$ or US-4493429-\$).did. or (US-6048494-\$).did.	USPAT; DERWENT	OR	OFF	2004/10/14 17:11
S17	1	(US-3681008-\$).did.	USOCR	OR	OFF	2004/10/14 17:11

S18	8	((US-6623355-\$ or US-6347918-\$ or US-6048494-\$ or US-4426358-\$ or US-4228135-\$ or US-4999165-\$ or US-4818001-\$ or US-4650542-\$ or US-4434964-\$ or US-3623627-\$ or US-6206227-\$ or US-4493429-\$).did. or (US-6048494-\$).did.) and lock\$3	US-PGPUB; USPAT	OR	ON	2004/10/14 17:52
S19	1	((US-6623355-\$ or US-6347918-\$ or US-6048494-\$ or US-4426358-\$ or US-4228135-\$ or US-4999165-\$ or US-4818001-\$ or US-4650542-\$ or US-4434964-\$ or US-3623627-\$ or US-6206227-\$ or US-4493429-\$).did. or (US-6048494-\$).did.) and (valve with (check\$3 (build with up)) with pressure)	US-PGPUB; USPAT	OR	ON	2004/10/14 17:55
S20	42	((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3) and (valve with (check\$3 (build with up)) with pressure)	US-PGPUB; USPAT	OR	ON	2004/10/14 17:55
S21	1	((US-6623355-\$ or US-6347918-\$ or US-6048494-\$ or US-4426358-\$ or US-4228135-\$ or US-4999165-\$ or US-4818001-\$ or US-4650542-\$ or US-4434964-\$ or US-3623627-\$ or US-6206227-\$ or US-4493429-\$).did. or (US-6048494-\$).did.) and (valve with (check\$3 collect\$3 (build with up)) with pressure)	US-PGPUB; USPAT	OR	ON	2004/10/14 17:56
S22	44	((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3) and (valve with (check\$3 collect\$3 (build with up)) with pressure)	US-PGPUB; USPAT	OR	ON	2004/10/14 18:10
S23	710	((vessel chamber) with (pressuriz\$4)) and (valve with (check\$3 collect\$3 regulat\$3 (build with up)) with pressure)	EPO; JPO; DERWENT	OR	ON	2004/10/14 18:11
S24	0	((vessel chamber) with (pressuriz\$4) with (closure gate door) with seal\$3) and (valve with (check\$3 collect\$3 regulat\$3 (build with up)) with pressure)	EPO; JPO; DERWENT	OR	ON	2004/10/14 18:11
S25	33	((vessel chamber) with (pressuriz\$4) with seal\$3) and (valve with (check\$3 collect\$3 regulat\$3 (build with up)) with pressure)	EPO; JPO; DERWENT	OR	ON	2004/10/14 18:16
S26	1	((vessel chamber) with (pressuriz\$4) with seal\$3) and ((conduit pipe line) with valve with ( collect\$3 (build with up)) with pressure)	EPO; JPO; DERWENT	OR	ON	2004/10/14 18:17
S27	13	((vessel chamber) with (pressuriz\$4)) and ((conduit pipe line) with valve with ( collect\$3 (build with up)) with pressure)	EPO; JPO; DERWENT	OR	ON	2004/10/14 18:22
S28	738	((vessel chamber) with (pressuriz\$4)) and ((conduit pipe line) with valve with ( collect\$3 (build with up)) with pressure)	US-PGPUB; USPAT	OR	ON	2004/10/14 18:39
S29	121	((vessel chamber) with (pressuriz\$4)) and ((conduit pipe line) with valve with ( collect\$3 (build with up)) with pressure with supply\$3)	US-PGPUB; USPAT	OR	ON	2004/10/14 18:40
S33	216	(220/240).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/10 09:57
S34	14	S33 and (pressure with caus\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2005/03/10 09:57
S35	0	("6048494").URPN.	USPAT	OR	ON	2005/03/10 11:18
S36	7	("0643949"   "3681008"   "4228135"   "4256701"   "4426358").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/03/10 11:18
S37	10	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls.) and ((gate door closure valve) with (rotat\$4 pivot\$4) with (point fulcrum))	US-PGPUB; USPAT	OR	ON	2005/03/10 11:27
S38	2	(118/715.ccls.) and ((gate door closure valve) with (rotat\$4 pivot\$4) with (point fulcrum))	US-PGPUB; USPAT	OR	ON	2005/03/10 11:28
S39	630	(wafer substrate semiconductor) and ((gate door closure valve) with (rotat\$4 pivot\$4) with (point fulcrum))	US-PGPUB; USPAT	OR	ON	2005/03/10 11:28
S40	66	(wafer substrate semiconductor) and ((gate door closure valve) with (rotat\$4 pivot\$4) with (point fulcrum) with pressure)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:28
S41	4	sheydayi-alexei.in.	US-PGPUB; USPAT	OR	ON	2005/03/13 15:04

S42	0	sheydayi-alexei-\$in.	US-PGPUB; USPAT	OR	ON	2005/03/13 15:04
S43	0	10/353,192	US-PGPUB; USPAT	OR	ON	2005/03/13 15:04
S44	13	layman-frederick-p\$in.	US-PGPUB; USPAT	OR	ON	2005/06/27 09:41
S45	0	60/178,304	US-PGPUB; USPAT	OR	ON	2005/06/27 09:41
S46	0	60/178,304	EPO; JPO; DERWENT	OR	ON	2005/06/27 09:42
S47	2	"60178304"	EPO; JPO; DERWENT	OR	ON	2005/06/27 09:46
S48	0	(261/63.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/27 09:49
S49	395	(251/63.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/27 09:49
S50	0	S49 and supercritical	US-PGPUB; USPAT	OR	ON	2005/06/27 09:49
S51	0	"251".cds. and supercritical	US-PGPUB; USPAT	OR	ON	2005/06/27 09:49
S52	24	"251"/\$.cds. and supercritical	US-PGPUB; USPAT	OR	ON	2005/06/27 09:54
S53	7	"453867"	EPO; JPO; DERWENT	OR	ON	2005/06/27 09:56
S54	3	"1499491"	EPO; JPO; DERWENT	OR	ON	2005/06/27 09:57
S55	0	metallgiesserei.in.	EPO; JPO; DERWENT	OR	ON	2005/06/27 09:58
S56	0	metallgiesserei.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 09:58
S57	1454	(supercritical with carbon with dioxide) and ((valve door gate closure) with pressur\$5)	US-PGPUB; USPAT	OR	ON	2005/06/27 09:59
S58	321	(supercritical with carbon with dioxide) and ((valve door gate closure) with pressur\$5) and semiconductor	US-PGPUB; USPAT	OR	ON	2005/06/27 10:24
S59	111	(supercritical with carbon with dioxide) and ((valve door gate closure) with pressur\$5 and (actuat\$4 piston)) and semiconductor	US-PGPUB; USPAT	OR	ON	2005/06/27 10:06

S60	199	({"0050096" "0001929" "0036023" "0205510" "0020518" "0134515" "2617719" "2625886" "3623627" "3689025" "3744660" "3968885" "4426358" "4029517" "4091643" "4245154" "4341592" "435937" "4367140" "4391511" "4406596" "4422651" "4474199" "4522788" "4549467" "4574184" "4592306" "4601181" "4626509" "4670126" "4682937" "4693777" "4749440" "4778356" "4788043" "4789077" "4823976" "4825808" "4827867" "4838476" "4865061" "4879431" "4917556" "4924892" "4951601" "4960140" "4983223" "5672204" "5817178" "5011542" "5044871" "5062770" "5071485" "5105556" "5143103" "5167716" "5169296" "5169408" "5185296" "5186594" "5186718" "5188515" "5190373" "5191993" "5193560" "5195878" "5213485" "5217043" "5221019" "5222876" "5224504" "5236669" "5237824" "5240390" "5243821" "5246500" "5251776" "5267455" "5280693" "5285352" "5288333" "5313965" "5314574" "5328722" "5337446" "5339844" "5355901" "5368171" "5370741" "5374829" "5377705" "5401322" "5404894" "5412958" "5417768" "5433334" "5447294" "5474410" "5494526" "5503176" "5505219" "5509431" "5526834" "5533538" "5571330" "5589224" "5621982" "5629918" "5644855" "5649809" "5656097" "5669251" "5679169" "5702228" "5706319" "5746008" "5769588" "5797719" "5798126" "5879459" "5881577" "5882165" "5888050" "5898727" "5900107" "5904737" "5906866" "5928389" "5932100" "5934856" "5934991" "5975492" "5979306" "5980648" "5981399" "5989342" "6048494" "6508259" "6005226" "6017820" "6021791" "6029371" "6035871" "6037277" "6053348" "6056008" "6062853" "6067728" "6077053" "6077321" "6082150" "6085935" "6089377" "6097015" "6109296" "6122566" "6128830" "6145519" "6159295" "6164297" "6186722" "6203582" "6216364" "6228563" "6235634" "6239038" "6241825" "6244121" "6251250" "6277753" "6286231" "6305677" "6333268" "6334266" "6344174" "6355072" "6388317" "6389677" "6406782" "6418956" "6436824" "6454519" "6454945" "6464790" "6465403" "6509141" "6521466" "6541278" "6546946" "6550484" "6558475" "6561213" "6561220" "6561481" "6561767" "6564826" "6635565" "6641678" "6722642").PN.	US-PGPUB; USPAT	OR	ON	2005/06/27 10:06
S61	7	("4426358").URPN.	USPAT	OR	ON	2005/06/27 10:08
S62	9	("5433334").URPN.	USPAT	OR	ON	2005/06/27 10:14
S63	22	("0997793"   "1269572"   "2010200"   "2196895"   "2584100"   "2664611"   "3258151"   "3866794"   "4102474"   "4114933"   "4315577"   "4342207"   "4489850"   "4512496"   "4625890").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 10:15
S64	1088	((valve door gate closure) with pressur\$5 with vessel) and semiconductor	US-PGPUB; USPAT	OR	ON	2005/06/27 10:24
S65	214	((valve door gate closure) with (pressuriz\$3 (positiv\$3 with pressure)) with vessel) and semiconductor	US-PGPUB; USPAT	OR	ON	2005/06/27 10:25
S66	23	((slit slot door gate closure) with (pressuriz\$3 (positiv\$3 with pressure)) with vessel) and semiconductor	US-PGPUB; USPAT	OR	ON	2005/06/27 10:29
S67	2	((slit slot door gate closure) with (pressuriz\$3 (positiv\$3 with pressure)) with vessel) and semiconductor	EPO; JPO; DERWENT	OR	ON	2005/06/27 10:34
S68	0	shrinivasan-krishnan-\$ .in. shimanovich-arkadiy-\$ .in. starov-vladimir-\$ .in.	EPO; JPO; DERWENT	OR	ON	2005/06/27 10:34
S69	1	shrinivasan-krishnan-\$ .in. shimanovich-arkadiy-\$ .in. starov-vladimir-\$ .in.	US-PGPUB; USPAT	OR	ON	2005/06/27 10:35
S70	11	shrinivasan-krishnan.in. shimanovich-arkadiy.in. starov-vladimir.in.	US-PGPUB; USPAT	OR	ON	2005/06/27 10:38
S71	1	("5226632").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/27 10:38
S72	31	("5226632").URPN.	USPAT	OR	ON	2005/06/27 10:39
S73	1	("6073655").URPN.	USPAT	OR	ON	2005/06/27 10:44
S74	7	("4688757"   "5226632"   "5343946"   "5363872"   "5419532"   "5433238"   "Re29679").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 10:44

S75	4	("3977423"   "4909271"   "4991619"   "5226632").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 10:52
S76	21	"0155628"	EPO; JPO; DERWENT	OR	ON	2005/06/27 10:52
S77	9	"155628"	EPO; JPO; DERWENT	OR	ON	2005/06/27 10:53
S78	1	"200155628"	EPO; JPO; DERWENT	OR	ON	2005/06/27 10:54
S79	0	"200155628"	US-PGPUB; USPAT	OR	ON	2005/06/27 10:54
S80	14	sutton-thomas-r\$.in.	US-PGPUB; USPAT	OR	ON	2005/06/27 11:01
S81	408	(slit with valve with (lock\$3 interlock\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 11:01
S82	50694	("118"/\$.cds. 156/345.\$.cds.)(slit with valve with (lock\$3 interlock\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 11:02
S83	111	("118"/\$.cds. 156/345.\$.cds.) and (slit with valve with (lock\$3 interlock\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 11:04
S84	2	("118"/\$.cds. 156/345.\$.cds.) and (actuator with slit with valve with (lock\$3 interlock\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 11:03
S85	3	("118"/\$.cds. 156/345.\$.cds.) and (slit with valve with (lock\$3 interlock\$3) with prevent\$3)	US-PGPUB; USPAT	OR	ON	2005/06/27 11:03
S86	0	("118"/\$.cds. 156/345.\$.cds.) and (slit with valve with (interlock\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 11:04
S87	19	(slit with valve with (interlock\$3))	US-PGPUB; USPAT	OR	ON	2005/06/27 11:04
S88	1	("5579718").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/27 11:06
S89	2	("6291814").URPN.	USPAT	OR	ON	2005/06/27 11:09
S90	0	("pressurized chamber" with slit with vlave)	USPAT	OR	ON	2005/06/27 11:09
S91	2	("pressurized chamber" with slit with valve)	USPAT	OR	ON	2005/06/27 11:10
S92	25	("pressurized chamber" with door)	USPAT	OR	ON	2005/06/27 11:12
S93	2	("pressurized chamber" with (closure door) with inside)	USPAT	OR	ON	2005/06/27 11:12
S94	2	("pressurized chamber" with (closure door) with inside)	US-PGPUB; USPAT	OR	ON	2005/06/27 11:13
S95	22	("pressurized chamber" with (seal\$3) with inside)	US-PGPUB; USPAT	OR	ON	2005/06/27 11:14
S96	29	("pressurized chamber" with (seal\$3) with internal\$4)	US-PGPUB; USPAT	OR	ON	2005/06/27 11:14
S97	449	(118/733).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/27 12:29
S98	12	S97 and ((pressurized supercritical (positive adj pressure)) with seal\$3)	US-PGPUB; USPAT	OR	ON	2005/06/27 12:30
S99	1	10/007,227	US-PGPUB; USPAT	OR	ON	2006/01/17 20:05
S100	1	("5626324").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/17 20:05
S101	0	118/718-719.ccls. and afterburner	US-PGPUB; USPAT	OR	ON	2006/01/17 20:22
S102	2	118/715-733.ccls. and afterburner	US-PGPUB; USPAT	OR	ON	2006/01/17 20:22
S103	1	156/345.\$.cds. and afterburner	US-PGPUB; USPAT	OR	ON	2006/01/17 20:24

S10 4	2	ashing with afterburner	US-PGPUB; USPAT	OR	ON	2006/01/17 20:24
S10 5	1	("6506364").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/18 15:09
S10 6	1	("6306564").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/18 15:12
S10 7	1	("20020046707").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:11
S10 8	5197	(liquid with crystal with display with method).ti.	US-PGPUB; USPAT	OR	ON	2006/01/18 17:11
S10 9	7	((gate slit) adj valve) with interlock\$3 with (cylinder barrel rod bar actuat\$4)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:00
S11 0	52	((gate slit) adj valve) with interlock\$3	US-PGPUB; USPAT	OR	ON	2006/01/19 19:00
S11 1	4	((gate slit) adj valve) with interlock\$3 with pressure	US-PGPUB; USPAT	OR	ON	2006/01/19 19:20
S11 2	4	((gate slit) adj valve) with interlock\$3 with pressur\$7	US-PGPUB; USPAT	OR	ON	2006/01/19 19:02
S11 3	3	((gate slit) adj valve) with interlock\$3 with safety	US-PGPUB; USPAT	OR	ON	2006/01/19 19:03
S11 4	48	((gate slit) adj valve) with interlock\$3	EPO; JPO; DERWENT	OR	ON	2006/01/19 19:07
S11 5	22	((gate slit) adj valve) same pressur\$7 same interlock\$3	EPO; JPO; DERWENT	OR	ON	2006/01/19 19:18
S11 6	1	("4784037").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:24
S11 7	6	("4784037").URPN.	USPAT	OR	ON	2006/01/19 19:18
S11 8	471	((gate slit) adj valve) with lock\$3 with pressure	US-PGPUB; USPAT	OR	ON	2006/01/19 19:20
S11 9	6	((gate slit) adj valve) with lock\$3 with pressure with saf\$7	US-PGPUB; USPAT	OR	ON	2006/01/19 19:21
S12 0	1	("5626364").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:25
S12 1	1	("5626324").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/19 19:25
S12 2	997	(high with pressure with (gate slit) with valve)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:26
S12 3	630	((high adj pressure) with (gate slit) with valve)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:26
S12 4	66	((high adj pressure) with (gate slit) with valve with cylinder)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:52
S12 5	4	((high adj pressure) with (gate slit) with valve with cylinder) and interlock\$4	US-PGPUB; USPAT	OR	ON	2006/01/19 19:27
S12 6	117	((high adj pressure) with chamber) same ((gate slit) adj valve)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:34
S12 7	17	S126 and interlock\$4	US-PGPUB; USPAT	OR	ON	2006/01/19 19:28
S12 8	0	((high adj pressure) with chamber) same ((gate slit) adj valve) same interlock\$4	US-PGPUB; USPAT	OR	ON	2006/01/19 19:29
S12 9	8	S126 and (carbon with dioxide)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:37
S13 0	3	(gate with valve with interlock\$4) and (carbon with dioxide)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:38
S13 1	0	(gate with valve with interlock\$4) and (carbon with dioxide)	EPO; JPO; DERWENT	OR	ON	2006/01/19 19:38

S13 2	0	(gate with valve with interlock\$4) and supercritical	EPO; JPO; DERWENT	OR	ON	2006/01/19 19:40
S13 3	12	(gate with valve) and supercritical	EPO; JPO; DERWENT	OR	ON	2006/01/19 19:42
S13 4	81	(gate adj valve) and supercritical	US-PGPUB; USPAT	OR	ON	2006/01/19 19:43
S13 5	59	(gate adj valve) and supercritical and semiconductor	US-PGPUB; USPAT	OR	ON	2006/01/19 19:43
S13 6	5	((gate adj valve) same (actua\$5 cylinder piston)) and supercritical and semiconductor	US-PGPUB; USPAT	OR	ON	2006/01/19 19:45
S13 7	0	layman.in. and (( valve) same (actua\$5 cylinder piston)) and supercritical and semiconductor	US-PGPUB; USPAT	OR	ON	2006/01/19 19:46
S13 8	14	layman.in. and (( valve)) and supercritical and semiconductor	US-PGPUB; USPAT	OR	ON	2006/01/19 19:46
S13 9	7	("2924233"   "4270727"   "4421298"   "4515344"   "4721282"   "4869458").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 19:49
S14 0	77	((high adj pressure) same ((gate ) adj valve) same cylinder)	US-PGPUB; USPAT	OR	ON	2006/01/19 19:53
S14 1	1	("6073655").URPN.	USPAT	OR	ON	2006/01/19 20:07
S14 2	7	("4688757"   "5226632"   "5343946"   "5363872"   "5419532"   "5433238"   "Re29679").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 20:08
S14 3	1469	valve same (opening with cylinder) same (closing with cylinder) same (door closure body)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:48
S14 4	2371	valve same ((lift\$3 opening) with cylinder) same ((closing lower\$3) with cylinder) same (door closure body)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:49
S14 5	63	(gate with valve) same ((lift\$3 opening) with cylinder) same ((closing lower\$3) with cylinder) same (door closure body)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:37
S14 6	36	(gate adj valve) same ((lift\$3 opening) with cylinder) same ((closing lower\$3) with cylinder) same (door closure body)	US-PGPUB; USPAT	OR	ON	2006/01/20 13:51
S14 7	17	("5626324").URPN.	USPAT	OR	ON	2006/01/20 14:31
S14 8	0	(gate with valve) same ((lift\$3 opening) adj cylinder) same ((closing lower\$3) adj cylinder)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:38
S14 9	10	(gate with valve) and ((lift\$3 opening) adj cylinder) and ((closing lower\$3) adj cylinder)	US-PGPUB; USPAT	OR	ON	2006/01/20 14:38
S15 0	35	((gate slit slot) with valve) and ((lift\$3 opening) adj cylinder) and ((closing lower\$3) adj cylinder)	US-PGPUB; USPAT	OR	ON	2006/01/20 15:38
S15 1	248	((gate slit slot) with valve) and ((seperat\$3 different) with (actuator cylinder) with (open\$3 clos\$3))	US-PGPUB; USPAT	OR	ON	2006/01/20 15:41
S15 2	8	((gate slit slot) with valve) and ((seperat\$3 different) with (actuator cylinder) with (open\$3 clos\$3) with (saf\$4 interlock\$4 prevent\$4))	US-PGPUB; USPAT	OR	ON	2006/01/20 15:40
S15 3	53	((gate slit slot) adj valve) and ((seperat\$3 different) with (actuator cylinder) with (open\$3 clos\$3))	US-PGPUB; USPAT	OR	ON	2006/01/20 18:26
S15 4	5	((gate slit slot) adj valve) and ((seperat\$3 different) with (actuator cylinder) with (open\$3 clos\$3))	EPO; JPO; DERWENT	OR	ON	2006/01/20 15:41
S15 5	29	(422/118).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/01/20 18:26
S15 6	10	S155 and valve	US-PGPUB; USPAT	OR	ON	2006/01/20 18:39
S15 7	10	S155 and valv\$3	US-PGPUB; USPAT	OR	ON	2006/01/20 18:28
S15 8	19	S155 not S157	US-PGPUB; USPAT	OR	ON	2006/01/20 18:28

S15 9	83	422/117.cds. and valve	US-PGPUB; USPAT	OR	ON	2006/01/20 18:39
S16 0	3	422/117.cds. and (gate adj valve)	US-PGPUB; USPAT	OR	ON	2006/01/20 18:49
S16 1	0	"252".cds. and (plurality with (cylinder actuator))	US-PGPUB; USPAT	OR	ON	2006/01/20 18:50
S16 2	1447	"251"/\$.cds. and (plurality with (cylinder actuator))	US-PGPUB; USPAT	OR	ON	2006/01/20 19:25
S16 3	76175	(cylinder actuator) with (prevent\$3 prohibit\$3 with open\$3 with pressure)	US-PGPUB; USPAT	OR	ON	2006/01/20 18:51
S16 4	170	((cylinder actuator) with (prevent\$3 prohibit\$3 with open\$3 with pressure) and "251"/\$.cds.	US-PGPUB; USPAT	OR	ON	2006/01/20 18:52
S16 5	18	S164 and (gate with valve)	US-PGPUB; USPAT	OR	ON	2006/01/20 18:52
S16 6	167	"251"/\$.cds. and ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with clos\$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 19:26
S16 7	4	"251"/\$.cds. and ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with clos\$3 with (saf\$3 interlock\$3))	US-PGPUB; USPAT	OR	ON	2006/01/20 19:28
S16 8	13	"251"/\$.cds. and ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with provid\$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 19:36
S16 9	111	((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with provid\$3)	EPO; JPO; DERWENT	OR	ON	2006/01/20 19:36
S17 0	47	valve and ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with provid\$3)	EPO; JPO; DERWENT	OR	ON	2006/01/20 20:12
S17 1	237	valve and ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with provid\$3)	US-PGPUB; USPAT	OR	ON	2006/01/20 20:12
S17 2	105	valve and ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with (saf\$3 prevent\$3 prohibit\$3) with pressur\$7)	US-PGPUB; USPAT	OR	ON	2006/01/20 20:13
S17 3	88	valve same ((separat\$4 separat\$4) with (cylinder actuator) with open\$3 with (saf\$3 prevent\$3 prohibit\$3) with pressur\$7)	US-PGPUB; USPAT	OR	ON	2006/01/20 20:13